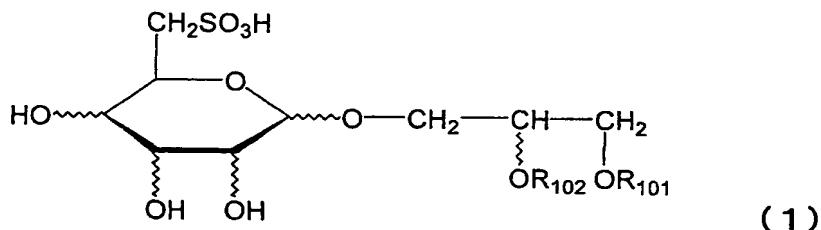


## C L A I M S

1. A radiosensitizer comprising, as an active ingredient, at least one kind of compound selected from the group consisting of a compound represented by the following general formula (1):

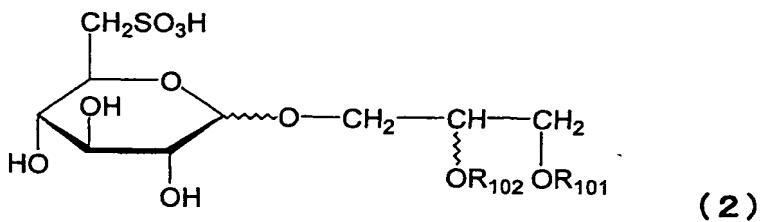
[Chemical formula 4]



(wherein R<sub>101</sub> represents an acyl residue of higher fatty acid, and R<sub>102</sub> represents a hydrogen atom or an acyl residue of higher fatty acid), and a pharmaceutically acceptable salt thereof.

2. The radiosensitizer according to claim 1, wherein the active ingredient is at least one kind of compound selected from the group consisting of a compound represented by the following general formula (2):

[Chemical formula 5]



(wherein R<sub>101</sub> represents an acyl residue of higher fatty acid, and R<sub>102</sub> represents a hydrogen atom or an

acyl residue of higher fatty acid), and a pharmaceutically acceptable salt thereof.

3. The radiosensitizer according to claim 2, wherein R<sub>101</sub> is R-CO- (where R is an alkyl group having 5 13 to 25 carbon atoms), and R<sub>102</sub> is a hydrogen atom or R-CO- (where R is an alkyl group having 13 to 25 carbon atoms) in the general formula (2).

4. The radiosensitizer according to claim 3, wherein R<sub>101</sub> is R-CO- (where R is a straight alkyl 10 group having an odd carbon number of 13 to 25) in the general formula (2).

5. The radiosensitizer according to claim 3, wherein R<sub>102</sub> is a hydrogen atom in the general formula (2).

15 6. The radiosensitizer according to claim 4, wherein R<sub>102</sub> is a hydrogen atom in the general formula (2).

7. The radiosensitizer according to claim 3, wherein R<sub>102</sub> is R-CO- (where R is an alkyl group having 20 13 to 25 carbon atoms) in the general formula (2).

8. The radiosensitizer according to claim 4, wherein R<sub>102</sub> is R-CO- (where R is an alkyl group having 13 to 25 carbon atoms) in the general formula (2).